

SIGN SPACING = X (FEET) (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'±
RURAL ROADS	45 / 55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)
ALL SIGNS ARE 48" x 48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.		

- (1) All spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.
- (2) This spacing may be reduced in urban areas to fit roadway conditions.

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	-
PROTECTIVE VEHICLE WITH TMA ROLL AHEAD DISTANCE										
TYPICAL PROTECTIVE VEHICLE TYPE WITH TMA	TYPICAL PROTECTIVE VEHICLE (WITH TMA) LOADED WEIGHT (LBS)							STATIONARY OPERATION (FEET)		
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)							30 MIN.		
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT										
1	A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TMA IS AVAILABLE. IF NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED IN THE FIELD TO SHIELD WORKERS AND NO ROLL AHEAD DISTANCE IS SPECIFIED.									

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50 / 65	40	80
35 / 45	30	60
25 / 30	20	40


LEGEND

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- FLAGGING STATION

NOTES

1. Night work requires additional roadway lighting at flagging stations, refer to WSDOT Standard Specifications for additional details.
2. Recommend extending channelizing device taper across shoulder.
3. Protective vehicle recommended - may be a work vehicle.
4. Sign sequence is the same for both directions of travel on the roadway.
5. When used, the downstream taper device spacing should be 20' O.C.

ALTERNATING ONE-WAY TRAFFIC FLAGGER CONTROLLED
TCP 1

FILE NAME S:\Design R P& S\4-Standards\2-Plan Sheet Library\Work zone plans\WZ1.dgn														 Washington State Department of Transportation		TRAFFIC CONTROL PLAN			
TIME	3:17:49 PM					REGION NO.	STATE	FED.AID PROJ.NO.										WZ-1	
DATE	4/28/2006					10	WASH									SHEET			
PLOTTED BY	su j k a m					JOB NUMBER										OF			
DESIGNED BY																			
ENTERED BY																			
CHECKED BY						CONTRACT NO.		LOCATION NO.											
PROJ. ENGR.																			
REGIONAL ADM.																SHEETS			
REVISION					DATE	BY			P.E. STAMP BOX		DATE	P.E. STAMP BOX							